

# NORTH DAKOTA CROP, LIVESTOCK, & WEATHER REPORT



Cooperating With:  
NDSU EXTENSION SERVICE,  
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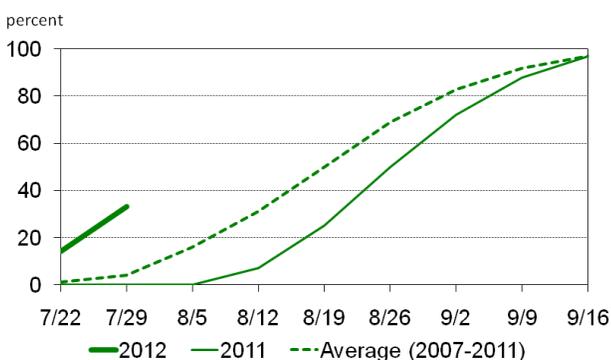
Released: July 30, 2012  
For Week Ending: July 29, 2012

**General:** Small grain harvest was in full swing last week while variable amounts of rainfall received across the state, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Reporters indicated that while some areas received much needed precipitation, other areas need precipitation especially for row crops and livestock. Statewide, on average, there were 6.4 days suitable for fieldwork. Topsoil moisture supplies were rated 23 percent very short, 44 short, and 33 adequate. Subsoil moisture supplies were rated 14 percent very short, 44 short, 41 adequate, and 1 surplus.

**Crops:** Small grain harvest progressed last week with barley, Durum wheat, spring wheat, and oats reaching 33 percent, 14 percent, 26 percent, and 37 percent harvested, respectively. Seventy-eight percent of canola was turning or beyond, up 22 percentage points from last week. Corn reached 95 percent silking, ahead of 49 percent last year and the five-year (2007-2011) average of 52 percent. Eighty-five percent of dry edible beans were setting pods compared with 22 percent last year and the average of 36 percent. Dry edible peas were 84 percent mature while 34 percent had been harvested as of Sunday. Flaxseed was 50 percent turning, compared with 6 percent last year and 16 percent on average. Lentil harvest was 11 percent complete last week. Potatoes rows filled progressed 12 percentage points to 88 percent, ahead of 52 percent last year and the average of 62 percent. Eighty-eight percent of the soybean crop were setting pods on Sunday, compared with 24 percent last year and 41 percent on average. Sunflower blooming made the greatest progress last week advancing 31 percentage points to 51 percent complete, compared with 10 percent last year and 15 percent on average.

**Livestock:** Reporters noted that water is needed for the regrowth of pasture and livestock water supply. Pasture and range conditions were 8 percent very poor, 30 poor, 38 fair, 23 good, and 1 excellent. Cutting of other hay was 86 percent complete. The second cutting of alfalfa was 52 percent complete. Hay conditions were rated 15 percent very poor, 28 poor, 36 fair, 19 good, and 2 excellent. Stockwater supplies were rated 11 percent very short, 34 short and 55 adequate.

## Barley Harvested: North Dakota



## Crop and Pasture Condition North Dakota: July 29, 2012

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley .....	-	4	22	58	16
Durum wheat.....	1	5	22	64	8
Spring wheat.....	-	5	23	59	13
Oats .....	-	3	26	65	6
Canola .....	1	5	29	54	11
Corn.....	3	10	31	52	4
Dry Edible Beans .....	1	12	37	42	8
Dry Edible Peas .....	-	5	32	58	5
Flaxseed .....	-	2	27	66	5
Potatoes.....	2	7	29	54	8
Soybeans.....	2	10	29	54	5
Sugarbeets .....	-	5	29	59	7
Sunflower.....	-	2	27	66	5
Hay .....	15	28	36	19	2
Pasture and range .....	8	30	38	23	1

- Represents zero.

## Crop Development Progress – North Dakota

(Crop development percents represent all acreage in or beyond each stage. Progress is based on current intended acreage.)

Crop	July 29, 2012	July 22, 2012	July 29, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
<b>Barley</b>				
Turning.....	97	89	16	55
Harvested.....	33	14	-	4
<b>Durum wheat</b>				
Milk .....	96	89	23	57
Turning.....	71	51	1	25
Harvested.....	14	3	-	2
<b>Spring wheat</b>				
Turning.....	94	78	13	44
Harvested.....	26	9	-	2
<b>Oats</b>				
Turning.....	94	83	11	49
Harvested.....	37	21	-	4
<b>Canola</b>				
Turning.....	78	56	16	35
Swathed.....	14	2	-	3
Harvested.....	-	(NA)	-	-
<b>Corn</b>				
Silking .....	95	85	49	52
Dough .....	17	6	3	4
Dented .....	-	-	-	-
<b>Dry edible beans</b>				
Blooming.....	98	94	76	79
Setting Pods.....	85	58	22	36
Fully Podded.....	9	1	-	1
Lower Leaves Yellowing.....	1	(NA)	-	-
<b>Dry edible peas</b>				
Mature.....	84	75	6	51
Harvested.....	34	18	-	8
<b>Flaxseed</b>				
Blooming.....	97	92	67	88
Turning.....	50	27	6	16
Harvested.....	-	(NA)	-	-
<b>Lentils</b>				
Harvested.....	11	8	-	2
<b>Potatoes</b>				
Blooming.....	99	90	90	94
Rows Filled .....	88	76	52	62
Vines Killed .....	1	-	-	-
<b>Soybeans</b>				
Blooming.....	98	92	72	82
Setting Pods.....	88	62	24	41
Fully Podded.....	18	6	-	3
Lower Leaves Yellowing.....	-	(NA)	-	-
<b>Sunflower</b>				
Blooming.....	51	20	10	15
Ray Flowers Dried/Dropped .....	-	(NA)	-	-

- Represents zero. (NA) Not available.

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**NORTH DAKOTA CROP WEATHER REPORT, Week Ending July 29, 2012**

**Soil Moisture Supplies  
 North Dakota: July 29, 2012**

Date	July 29, 2012	July 22, 2012	July 29, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
<b>Topsoil</b>				
Very Short .....	23	20	-	6
Short .....	44	53	4	23
Adequate.....	33	26	63	61
Surplus.....	-	1	33	10
<b>Subsoil</b>				
Very Short .....	14	13	-	6
Short .....	44	44	2	19
Adequate.....	41	41	60	63
Surplus.....	1	2	38	12

- Represents zero.

The following links provide further weather-related information and maps for North Dakota:

North Dakota Climatology Working Group provides statewide precipitation maps for the previous week:  
<http://www.ndsu.edu/ndsco>

National Weather Service's North Dakota Data:  
<http://www.nws.noaa.gov/view/states.php?state=ND>

**Weather:** Temperatures were near to above normal statewide. Precipitation was above normal in parts of the west central and east and below normal across much of the rest of the state. Highs on Monday were in the upper 70s to low 90s with showers and thunderstorms in the west and central. There were showers and thunderstorms across much of the state on Tuesday with highs in the 70s to low 90s. Severe thunderstorms with large hail and damaging winds were reported in parts of the southwest and east on Tuesday. Highs on Wednesday were in the upper 70s to low 90s with a few showers and thunderstorms in the south. There were showers and thunderstorms in the east on Thursday with highs in the mid-70s to low 80s. Highs on Friday were in the upper 70s to low 90s with a few showers and thunderstorms in the northwest. There were showers and thunderstorms in parts of the west and central on Saturday with highs in the mid-80s to mid-90s. Severe thunderstorms with large hail and damaging winds were reported in the northwest on Saturday. Highs on Sunday were in the mid-80s to low 100s with a few showers and thunderstorms in the south central and east. Severe thunderstorms with large hail were reported in parts of the southeast on Sunday.

**Outlook, July 30-August 5:** Temperatures will be near to above normal statewide. Precipitation will be near to below normal in the west and near to above normal in the central and east. Highs on Monday will be in the 80s to low 90s with dry conditions. There will be a chance of showers and thunderstorms in the west and central on Tuesday with highs in the upper 80s to 90s. Highs on Wednesday will be in the mid-80s to mid-90s with a chance of showers and thunderstorms in the south central and east. There will be a chance of showers and thunderstorms across much of the state on Thursday with highs in the 80s. The chance of showers and thunderstorms will continue statewide on Friday with highs in the mid-70s to mid-80s. Highs on Saturday will be in the 70s to low 80s with a chance of showers and thunderstorms in the north. Sunday will be dry with highs in the upper 70s to 80s.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending July 29, 2012**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 <sup>1</sup>		
	Past Week	Depart Normal <sup>2</sup>	Past Week	Total	Depart Normal <sup>2</sup>
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
Northwest (1)	71	2	0.48	9.77	0.81
N. Central (2)	70	2	0.11	7.44	-2.20
Northeast (3)	70	0	0.53	8.96	-0.47
W. Central (4)	73	2	0.45	8.22	-1.02
Central (5)	72	1	0.17	9.68	0.21
E. Central (6)	71	0	0.30	6.60	-3.88
Southwest (7)	75	4	0.32	9.02	-0.04
S. Central (8)	73	2	0.46	10.05	0.60
Southeast (9)	72	0	0.30	9.52	-0.99

<sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending July 29, 2012**

Stations by District	Temperature past week		Seasonal precipitation beginning April 1 <sup>1</sup>		
	High	Low	Past Week	Total	Depart normal <sup>2</sup>
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
(1) Bowbells .....	90	50	1.50	10.79	1.45
Williston.....	94	57	0.34	9.01	1.44
Mohall .....	90	48	0.00	9.87	0.64
Minot.....	91	51	0.07	9.43	-0.29
(2) Baker .....	92	55	0.21	9.12	-0.36
Bottineau.....	93	41	0.00	5.94	-3.74
Rugby .....	94	48	0.12	7.27	-2.49
(3) Cando .....	93	44	0.17	7.66	-1.31
Cavalier.....	95	51	0.22	12.46	2.73
Forest River ...	90	52	0.59	6.67	-2.82
Grand Forks ...	87	54	1.77	9.08	-0.03
Langdon.....	90	47	0.09	10.15	0.34
St. Thomas.....	94	52	0.36	7.75	-1.74
(4) Hazen .....	97	48	0.34	8.41	-1.18
Turtle Lake.....	94	53	0.70	8.90	-0.73
Watford City ...	95	55	0.31	7.35	-1.16
(5) Carrington.....	93	47	0.15	8.44	-2.36
Harvey .....	94	46	0.28	10.01	2.21
Jamestown.....	95	52	0.15	8.30	-1.53
Robinson.....	96	52	0.05	10.59	0.98
Streeter.....	94	52	0.24	11.05	1.73
(6) Dazey .....	90	50	0.05	7.19	-3.29
Fargo .....	89	56	0.78	6.42	-3.95
Hillsboro.....	89	53	0.07	6.19	-4.39
(7) Beach .....	93	57	1.00	7.39	-1.15
Bowman.....	97	52	0.01	7.94	-1.02
Dickinson .....	96	56	0.17	8.33	-1.16
Hettinger .....	99	52	0.10	12.41	3.16
(8) Mandan .....	95	53	0.14	9.02	-0.70
Linton.....	90	56	0.78	11.08	1.89
(9) Edgeley .....	91	52	0.20	9.28	-0.71
Oakes .....	90	55	0.06	10.82	0.62
Wyndmere.....	88	56	0.63	8.45	-2.89

<sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.